

CLAIMS:**What is claimed is:**

1. A method of providing content for display of a web page, comprising:
generating a dynamic content frame separate from a static content frame
comprising layout and logic information during development of said web page; and
downloading said dynamic content frame independently of said static content
frame.
2. The method of Claim 1, further comprising enabling a display of said web
page by incorporating features of said dynamic content frame and said static content
frame into a display frame.
3. The method of Claim 2, wherein said downloading step restricts a download
to only said dynamic content frame whenever said web page is requested to be
downloaded in sequence with a second web page sharing similar layout and logic,
whereby a previous static content frame is stored on the system requesting a
download of said web page and more efficient download and display of said web page
is achieved.
4. The method of Claim 1, wherein said generating step comprises generating an
HTML page with two frames, wherein:
a static content frame maintains layout information of a web page content and
references an HTML file that includes a Javascript library to add, move, remove and
change text and images in a display layer of said web page; and
a dynamic content frame created utilizing server- side scripting language that
maintains changing information including text data, images, and audio data.

1 5. The method of Claim 4, further comprising merging features of said static
2 content frame and said dynamic content frame utilizing linking information provided
3 within said dynamic content frame, wherein said linking information comprises
4 HTML/Javascript function calls to said static content frame.

1 6. The method of Claim 1, further comprising initializing said static content
2 frame with common functions utilized by all screens, wherein said common functions
3 include how to display and hide an image within a layer, how to write text into said
4 layer, and how to move said layer.

1 7. The method of Claim 1, further comprising:
2 importing a re-usable Javascript function library from a generated HTML to
3 support a unique behavior of said display frame; and
4 caching said Javascript function library in a web browser with which said web
5 page is downloaded, wherein said library may be utilized for subsequent
6 classifications.

1 8. A computer program product comprising:
2 a computer readable medium; and
3 program code on said computer readable medium for providing content for
4 display of a web page by:
5 generating a dynamic content frame separate from a static content
6 frame comprising layout and logic information during development of said web page;
7 and
8 downloading said dynamic content frame independently of said static
9 content frame.

1 9. The computer program product of Claim 8, further comprising program code
2 for enabling a display of said web page by incorporating features of said dynamic
3 content frame and said static content frame into a display frame.

1 10. The computer program product of Claim 9, wherein said downloading
2 program code restricts a download to only said dynamic content frame whenever said
3 web page is requested to be downloaded in sequence with a second web page sharing
4 similar layout and logic, whereby a previous static content frame is stored on the
5 system requesting a download of said web page and more efficient download and
6 display of said web page is achieved.

1 11. The computer program code of Claim 8, wherein said generating program
2 code comprises code for generating an HTML page with two frames, wherein:
3 a static content frame maintains layout information of a web page content and
4 references an HTML file that includes a Javascript library to add, move, remove and
5 change text and images in a display layer of said web page; and
6 a dynamic content frame created utilizing server- side scripting language that
7 maintains changing information including text data, images, and audio data.

1 12. The computer program code of Claim 11, further comprising program code for
2 merging features of said static content frame and said dynamic content frame utilizing
3 linking information provided within said dynamic content frame, wherein said linking
4 information comprises HTML/Javascript function calls to said static content frame.

1 13. The computer program code of Claim 8, further comprising program code for
2 initializing said static content frame with common functions utilized by all screens,
3 wherein said common functions include how to display and hide an image within a
4 layer, how to write text into said layer, and how to move said layer.

1 14. The computer program code of Claim 8, further comprising program code for:
2 importing a re-usable Javascript function library from a generated HTML to
3 support a unique behavior of said display frame; and
4 caching said Javascript function library in a web browser with which said web
5 page is downloaded, wherein said library may be utilized for subsequent
6 classifications.

1 15. A method for extending interaction between static
2 and dynamic content of a web page comprising:
3 creating said web page with individual layers corresponding each to web page
4 content, and web page layout and logic; and
5 enabling manipulation of each layer by server- scripting software, wherein
6 web page content may be changed by standard off-the-shelf scripting applications,
7 without consideration of HTML and DHTML.

1 16. A system for providing content for display of a web page, comprising:
2 a server having a memory component with server software;
3 means for connecting a web browser to said server;
4 logic for generating a dynamic content frame utilizing a server-side scripting
5 software separate from a static content frame comprising layout and logic information
6 during development of a web page at said server; and
7 logic for downloading said dynamic content frame independently of said static
8 content frame to said web browser via said connecting means.

1 17. The system of Claim 16, wherein said downloading logic restricts a download
2 to only said dynamic content frame whenever said web page is requested to be
3 downloaded in sequence with a second web page sharing similar layout and logic,

whereby a previous static content frame is stored on the web browser requesting a download of said web page, and wherein more efficient download and display of said web page is achieved.

18. The system of Claim 16, wherein said generating logic comprises logic for generating an HTML page with two frames, wherein:

a static content frame maintains layout information of a web page content and references an HTML file that includes a Javascript library to add, move, remove and change text and images in a display layer of said web page; and

a dynamic content frame created utilizing server- side scripting language that maintains changing information including text data, images, and audio data.

19. The system of Claim 4, further comprising means for incorporating a merge function that enables later merging of features of said static content frame and said dynamic content frame utilizing linking information provided within said dynamic content frame, wherein said linking information comprises HTML/Javascript function calls to said static content frame.

20. The system of Claim 1, further comprising logic for initializing said static content frame with common functions utilized by all screens, wherein said common functions include how to display and hide an image within a layer, how to write text into said layer, and how to move said layer.

21. The system of Claim 1, further comprising logic for:

exporting a re-usable Javascript function library from a generated HTML to support a unique behavior of said display frame, whereby said Javascript function library is cached in a web browser with which said web page is downloaded, wherein said library may be utilized for subsequent classifications.